FIELDMANN®
Home & Garden Performance

FZR 5110-B

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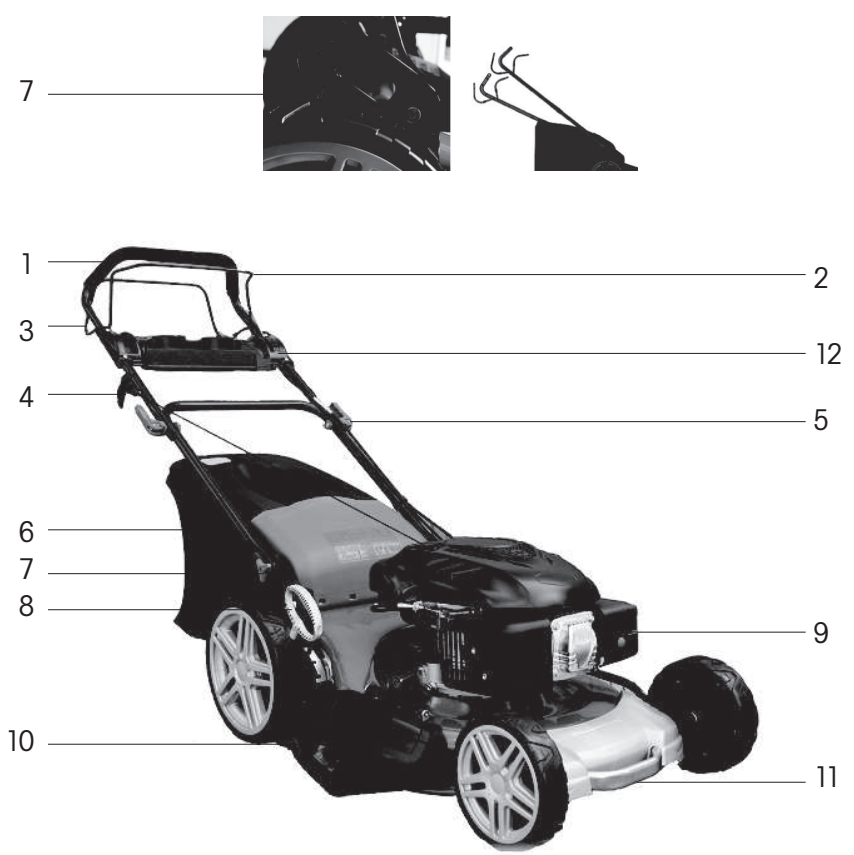

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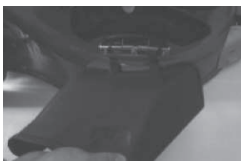

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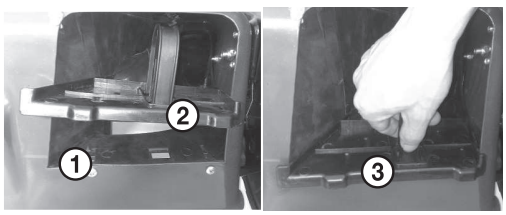

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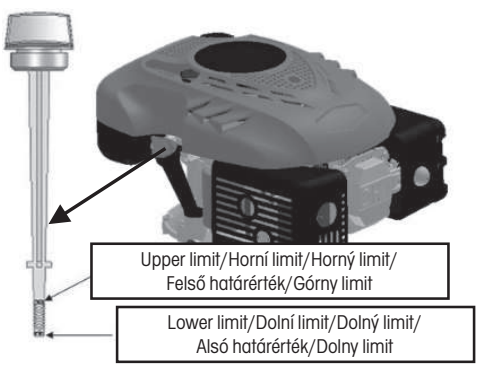

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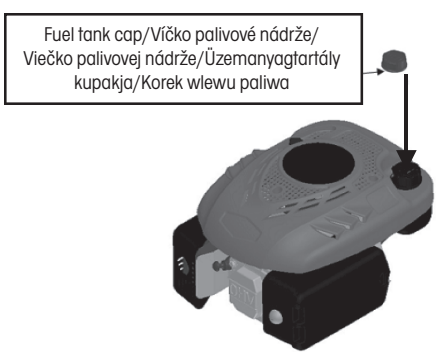

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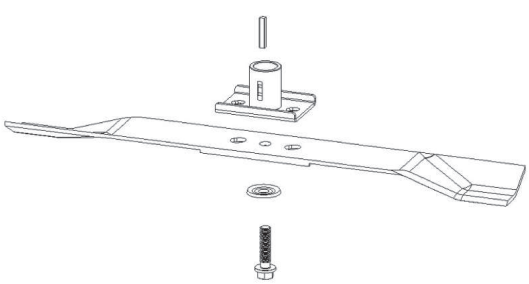

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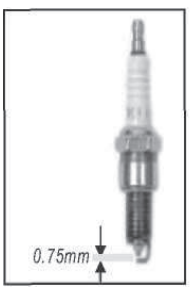
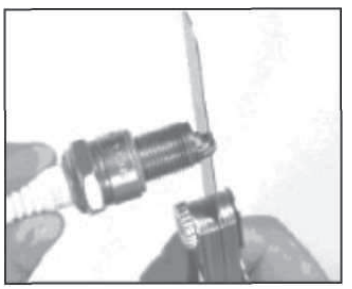
Oil drain plug/ Zátka vypouštění oleje/ Zátka vypúšťania oleja/ Olajkieresztő dugó/ Korek spustowy oleju	 0.75mm 

Petrol Lawnmower
USER'S MANUAL

Thank you for purchasing this rotary petrol lawnmower. Before you start using it, please, carefully read this user's manual and save it for possible future use.

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1. GENERAL SAFETY INSTRUCTIONS

IMPORTANT SAFETY NOTICE

- Carefully unpack the product and take care not to throw away any part of the packaging before you find all the parts of the product.
- Store the machine in a dry place out of reach of children.
- Read all warnings and instructions. Not following warnings or instructions may lead to injury by electrical shock, a fire and/or serious injuries.

PACKAGING

The product is packed in a package that prevents damage during transport. This package is a resource and so can be handed over for recycling.

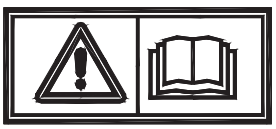
USER'S MANUAL

Before you start working with the machine, read the following safety and usage instructions.
Acquaint yourself with the operating elements and the correct use of the machine. Keep the user's manual in a safe place where it can be easily retrieved for future use. Save the original packaging, including the internal packing material, warranty card and proof of purchase receipt at least for the duration of the warranty.
If you need to ship this machine, pack it in the original cardboard box to ensure maximum protection during shipping or transport (e.g. when moving or when you need to send this product for repair).

Note: If you hand over the machine to somebody else, do so together with the user's manual. Following the instructions in the included user's manual is a prerequisite for the proper use of the machine. The user's manual also contains operating, maintenance and repair instructions.

The manufacturer takes no responsibility for accidents or damages resulting from not following the instructions in this manual.

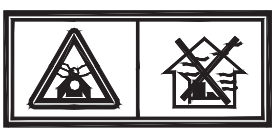
2. EXPLANATION OF INSTRUCTION LABELS ON THE MACHINE



Before putting into operation, please carefully read the user's manual.

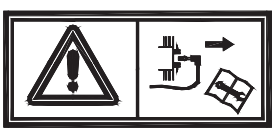
Keep other persons away from the work area.

Attention, rotating blades! Protect yourself against the danger of injury to limbs.



Emission of toxic gasses. Do not use the petrol lawnmower in enclosed or unventilated areas.

Hot surfaces, risk of burns!



Before carrying out maintenance, turn off the engine and disconnect the spark plug.

Never add fuel while the engine is running.

Indicates that there is a risk of injury to persons, death or damage to the machine if instructions are not followed

Use hearing protection.
Use eye protection.
Use breathing organ protection.

Always maintain a distance from moving parts.

Travel along the slope on contours, not up and down.

Conforms to all relevant European directives.

Petrol is extremely flammable and therefore allow the engine to cool down for 2 minutes before adding more fuel.

3. DESCRIPTION OF THE MACHINE (figure 1)

1. Top part of the handle
2. Start/brake lever
3. Travel lever
4. Pull cord
5. Quick coupling screw
6. Grass catcher
7. Bottom part of the handle
8. Mowing height adjustment lever
9. Fuel primer bulb
10. Side discharge flap
11. Front handle
12. Small items tray

4. ASSEMBLY/PREPARATION

Before assembling and starting the petrol lawnmower, first carefully read the entire user's manual and the instructions contained in it.

⚠ **IMPORTANT INFORMATION:** The lawnmower is supplied **WITHOUT FUEL AND OIL** in the engine. Your new lawnmower was assembled and tested at the factory.

TAKING THE LAWNMOWER OUT OF THE CARDBOARD PACKAGING

Take the lawnmower out of the cardboard packaging and check that no loose parts are left in the packaging.

5. ASSEMBLING THE LAWNMOWER

⚠ **IMPORTANT INFORMATION:** Carefully unfold the lawnmower handle careful not to pinch your finger or damage the lawnmower's control cables.

ASSEMBLING THE HANDLE

1. Insert the bottom part of the handle (figure 1 - point 7) into the respective hole on the lawnmower and after setting it at an appropriate handle height (2 positions), secure in place with screws.
2. Remove the protective padding and fit the top part of the handle (figure 1 - point 1) into the hole in the bottom part of the handle and tighten both fastening screws (figure 1 - point 5).

INSTALLING THE SMALL ITEMS TRAY (figure 1 - point 12)

Fasten the small items tray to the handle using the included screws.

INSTRUCTIONS FOR ASSEMBLING THE GRASS CATCHER

Assemble the grass catcher according to figure 2 – attach the plastic end piece from underneath and along the sides of the catcher to the steel frame.

ADDING MOTOR OIL BEFORE STARTING THE LAWNMOWER

The lawnmower is supplied without motor oil. Before first start up, add motor oil SAE30 15W-40 (approx 500 ml) according to the following instructions.

⚠ **Caution!** DO NOT OVERFILL the oil tank, otherwise a large amount of smoke will come out of the exhaust when the lawnmower is started up.

1. When adding oil, place the lawnmower on a level surface.
2. Pull the oil dipstick out of the oil refill hole.
3. After adding oil, put the dipstick back into the hole (figure 5) and tighten it firmly.
4. The oil level must be between the upper and lower limit (see figure 5).

⚠ **IMPORTANT INFORMATION:** Check the oil level before every use of the lawnmower.
Add oil if necessary. Add oil up to the MAX level mark on the oil dipstick.
Replace the oil after the first 5 hours of operation and subsequently after every 25 hours of operation.

ADDING FUEL

- After unscrewing the fuel tank cap (figure 6), add fuel. Add fuel up to the collar of the fuel tank. Do not overfill the fuel tank. Always add fresh, clean and approved lead-free petrol. Do not mix oil with fuel in an amount that you will not be needing in the following 30 days; this will ensure the required freshness of the fuel.

⚠ **Caution!** Fuels mixed with alcohol (e.g. gasohol) or fuels with ethanol or methane additives may bind moisture to themselves, which may result in separation during storage and the formation of acids. Subsequently during storage the acid vapours may damage the fuel system of the lawnmower engine. If you will not be using the lawnmower for more than 30 days, drain the fuel system of the lawnmower, this will prevent future engine problems. Drain the fuel tank, start the engine and let it run until the fuel lines and the carburettor are empty. At the start of the next season, add fresh fuel into the fuel tank. For more information, see chapter Storage instructions. Never clean the engine or the carburettor with cleaning agents, there is a risk of irreversible damage.

6. OPERATION

Start/brake lever (figure 1 point 2) – If you wish to start the lawnmower, you need to pull this lever towards the handle. When the lever is released, the engine will stop.
Starting pull cord (figure 1 point 4) - Serves to start the lawnmower.
Travel lever (figure 1 – point 3) - Serves to start the travel of the lawnmower while mowing.

STARTING THE LAWNMOWER

1. If the engine is not warm, press the fuel primer bulb 2-3 times (figure 1 – point 9) (it is not necessary to use the fuel primer bulb if the engine is warm)
2. Pull the start/brake lever to the handle and pull on the pull cord
3. The engine is turned off by releasing the start/brake lever

Note: A small amount of smoke may be emitted when the engine is started up for the first time as the protective layers in the engine are burnt off. This is completely normal and does not constitute a problem. Pull the start/brake lever towards the handle and quickly pull on the pull cord. Do not allow the pull cord to wind back.

Caution! Immediately wipe away any drops of fuel or oil. Do not store or add fuel or handle it in any way in the vicinity of an open fire.

CONTROLLING TRAVEL

The travel is controlled using the travel lever (figure 1 – point 3). When the lever is pulled to the handle, the lawnmower will start moving. To stop, release the lever. The lawnmower has one constant speed.

APPLICATION RANGE FOR THE LAWNMOWER

- Mowing with loose placement of grass clippings on the lawn - mulching
- Mowing with collection of grass clippings in a grass catcher
- Mowing with rear discharge of grass clippings
- Mowing with side discharge of grass clippings

MULCHING

1. Attach and remove accessories only with the engine turned off.
2. After attaching the mulching accessory, check its stability.
3. Use only original mulching accessories when mulching.
4. Try not to mow tall grass all at once, this will prevent overloading the lawnmower mechanism and the engine.

Assembly (figure 4)
Slide the mulching plug (1) into the discharge chute (2). Secure the seated plug in position using the self-clamping hook.

Disassembly
Firmly press your thumb on the central point of the plug (3), when it lifts up, pull it out of the discharge chute.

Mowing with side discharge of grass clippings (figure 3)
To attach the side discharge flap, lift up the side chassis cover on the lawnmower (figure 3 - point 1). Secure the flap in place using hooks which fall under the spindle of the cover. Then release the cover (figure 3 - point 2). When mowing with side discharge, it is necessary to place the mulching plug into the discharge chute.

SETTING THE MOWING HEIGHT

The mowing height is set centrally using the central mowing height adjustment lever (figure 1 – point 8). There are 6 positions ranging from 25 - 75 mm. The middle mowing height is the most suitable for the majority of lawns. Lawn damage may result when the lowest height is set.

REPLACING THE MOWING BLADES

If you wish to replace the mowing blade, remove the bolt (figure 7). Prior to removing the blade, drain the oil from the oil tank.
Perform the installation according to the provided picture. Tighten the screw. The tightening torque is 40 Nm. When replacing the the blade, replace the fastening bolt also.

CHANGING THE MOTOR OIL

The drain plug is located under the engine (figure 8). Place a suitable container for catching the used oil under the engine and remove the plug. Tilt the lawnmower so that all the oil can drain from the oil tank.
After draining the oil, put the plug back into the hole, making sure that the plug is securely in its place and wipe away any drops of spilled oil.

Add type SAE30 oil into the oil tank.
When the oil dipstick is inserted into the hole (not after being screwed in), the oil level should be between the Min and Max marks (figure 5). Do not overfill the oil tank.

Start the engine and allow it to run for a short time. Stop the engine, wait 1 minute and check the oil level in the oil tank. Add oil to the required level if necessary.

SPARK PLUG

As soon as the engine cools down, screw out the spark plug using a socket wrench and clean it with a wire brush. Using a feeler gauge, set the spark gap to 0.75 mm (figure 9). Screw the spark plug back into position. Do not overtighten the spark plug.

7. SAFETY INSTRUCTIONS

GENERAL SAFETY INSTRUCTIONS

- This product is used exclusively for mowing grass. Do not use it for any other purposes than those intended. Otherwise there is a risk of damaging it or an injury.
- Never allow children or persons who are not acquainted with the contents of this user's manual to work with the machine.
- The person operating the lawnmower is responsible for the safety of persons in the work area. Never operate the lawnmower in the near vicinity of other people, children or freely roaming animals.
- Before starting mowing, check the terrain where the lawnmower will be used and remove stones, wires, sticks, splinters, bones and other foreign objects, which could become caught in it or deflected or cause injuries.

INSTRUCTIONS FOR USE

- All nuts, pins and bolts must be properly tightened so that the machine is in a safe and operational condition.
- Never use the lawnmower without the grass catcher or protective cover.
- Never use the lawnmower with loose mowing blades. Always check in advance that all respective bolts are securely tightened. Blunt blades must be sharpened evenly. Damaged blades must be replaced.
- When working with the lawnmower, wear long pants and solid footwear.
- Never start the lawnmower in enclosed or poorly ventilated areas where fumes could accumulate. Emissions from the engine contain carbon monoxide, which is life threatening.
- Work only during sufficient light conditions (in daylight or sufficient artificial lighting).
- Do not use the lawnmower when it is raining or if the grass is wet.
- Proceed especially carefully when mowing in elevated terrain (on a slope). Always mow perpendicular to the slope, parallel to the contour, and not directly up/down.
- Under no condition leave the lawnmower running without supervision; if you leave the lawnmower, turn off the engine.
- Never lift the rear part of the lawnmower when starting it and always keep your limbs away from the cutting deck or the rear grass ejection chute while the engine is running.
- Never modify the engine's speed setting.
- On lawnmowers with travel, release the travel lever before starting the engine.
- Never transport the lawnmower while its engine is running.
- Stop the engine and disconnect the spark plug in the following cases:
  - when performing any task whatsoever under the mowing deck or in the rear grass ejection chute.
  - when performing maintenance, repairs or inspecting the machine.
  - before carrying, lifting or transporting the lawnmower.
  - when you leave the lawnmower without supervision or you are getting ready to adjust the mowing height.
  - before removing and emptying the grass catcher.
  - when an impact with a foreign object occurs, stop the engine and carefully inspect to ensure that there is no damage. In the event of damage, take the lawnmower to a specialised service centre for repairs.

⚠ **ATTENTION:** The mowing blade continues to rotate for several seconds after the engine is turned off.

- if the lawnmower is vibrating abnormally (immediately identify and remedy the cause of the vibration).
- For the purpose of ensuring safe operation, regularly check that the pins, bolts and nuts on the lawnmower are securely tightened.

⚠ **ATTENTION:** FUEL IS A VERY FLAMMABLE LIQUID.

- Store fuel in a suitable container.
- Only add fuel in an open and well ventilated location. When handling fuel, do not smoke or use a mobile phone.
- Only add fuel when the engine is turned off. Never open the fuel tank or add fuel if the engine is hot or if it is running.
- If fuel is spilled, do not start the engine. Take the lawnmower away from the location where the fuel was spilled and take care to avoid possible ignition. Continue with work only after the spilled fuel has evaporated and the fuel fumes have dissipated;
- After adding fuel, securely tighten the fuel tank cap and the cap on the fuel canister.

⚠ **ATTENTION:** Before carrying out maintenance or repairs, stop the engine and disconnect the spark plug.

8. MAINTENANCE

LAWN CARE

- Various forms of care are required depending on the type of grass area.
- Therefore, always read the instructions included on seed packages with respect to the mowing height for the growing conditions in the given locality.
- It is necessary to always keep in mind that the larger part of grass consists of a stem and one or more leaves. When the leaves are cut off completely, the lawn is damaged and the renewal of growth will be much more difficult.
- The following instructions generally apply:
  - excessively low mowing causes disruption to the roots and subsequently "spotty" appearance;
  - in summer, mowing must be higher to prevent the soil from drying out;
  - mowing wet grass may result in a lower efficiency of the blade due to grass catching on the blade and grass being ripped out of the ground;
  - in the event of exceptionally tall grass it is appropriate to perform the first mow at the maximum permitted mowing height of the machine and then mow again only after two or three days.
- The lawn will have a better appearance when it is mowed regularly over its entire area at the same height with alternating mowing directions.

MAINTENANCE

- All nuts, pins and bolts must be properly tightened so that the machine is in a safe and operational condition. Regular maintenance is the basic prerequisite for ensuring safety of the user, maintain the lawnmower's operating condition and high performance.
- Never store a machine with petrol in the fuel tank inside a building where the fumes could come within range of an open fire, sparks or sources of high temperature
- Before storing in any enclosed area, allow the engine to cool down.
- To reduce the risk of a fire, ensure that the lawnmower and in particular the engine, exhaust muffler, battery and also the location of spare fuel storage are free of grass, leaves or excessive amounts of lubricant.
- Regularly inspect the condition of the deflector and the grass catcher; replace if damaged.
- Drain the fuel in a well ventilated area when the engine has cooled down.
- When removing or installing the mowing blade, use thick work gloves.
- It is necessary to check the balance of the mowing blade every time that it is sharpened.

⚠ **ATTENTION:** Before carrying out maintenance or repairs, stop the engine and disconnect the spark plug.

- Before using the four-stroke engine, please carefully read the user's manual of the engine. Regularly check the oil level and if necessary add oil or change it.
- Regularly inspect the lawnmower and ensure that all grass deposits are removed from the underside of the chassis.
- Regularly lubricate the axle of the chassis and the bearings using a suitable lubricant.
- Regularly inspect the condition of the blades because they have a significant effect on the performance of the lawnmower. Blades should always be sharp and balanced.
- In regular intervals, check that all nuts and bolts are tightened. Nuts and bolts that are worn out or incorrectly tightened may cause serious damage to the engine or the frame.

- If the blade strongly impacts an obstacle, stop the lawnmower and take it to an authorised service centre.
- BLADE: the blade is made from pressed steel. To achieve the best possible mowing results, regularly sharpen the blades, approximately after every 25 hours of operation. Check that the blade is always correctly balanced. To do this, insert a steel axle (with a diameter of 2-3 mm) into the middle hole. If it is correctly levelled, the axis will remain in the horizontal position.
- If the blade does not remain in the horizontal position, replace it.
- When removing the blade, screw out the bolt, check the load bearing part of the blade. If the parts are worn out or damaged, replace them.

⚠ **ATTENTION:** Always use only original spare parts. Poor quality spare parts may cause serious damage to the lawnmower and create a safety hazard.

SERVICE

- In the event that after purchasing the product you find any kind of defect, contact the service department. When using the product, follow the instructions contained in the included user's manual.
- A complaint will not be accepted if you modified the product or if you did not follow the instructions in the user's manual.

WARRANTY DOES NOT COVER

- Normal wear and tear of operating parts of the machine as a result of its use
- Servicing tasks related to standard maintenance of the machine (e.g. cleaning, lubrication, tuning, etc.). Defects caused by external effects (e.g. climatic conditions, dustiness, inappropriate use, etc.)
- Mechanical damage resulting from the machine being dropped, impact, etc.
- Damages resulting from unprofessional handling, overloading, use of incorrect parts, inappropriate tools, etc.
- On returned products that were not properly protected against mechanical damage during transport, the risk of potential damage is borne exclusively by the owner.

STORAGE

- If you will not be using the machine for an extended period of time, store it according to the following instructions. This will extend the lifetime of the machine.
- Fully drain fuel from the fuel tank and the carburettor.
- Screw out the spark plug and pour a small amount of motor oil into the socket. Gently pull the pull cord 2 to 3 times.
- Use a clean cloth to clean the exterior surfaces. Store the machine in a clean dry location.

9. TECHNICAL SPECIFICATIONS

Engine type	OHV, air cooled, 4-stroke
Rated power	2.70 kW
Engine rpm	2900 rpm
Displacement	140 cm^3
Starting	Pull cord
Fuel tank capacity (lead-free 95 or higher)	0.8 litres
Adjustable mowing height	25-75 mm with 6 positions
Height adjustment	Central height adjustment
Mowing width	510 mm
Wheel span	200 mm (front wheel)
	280 mm (rear wheel)
Capacity of grass catcher:	75 l
Chassis	steel
Declared noise level	98 dB (A)
Weight	34 kg

Amendments to text and technical parameters are reserved.

Changes in the text, design and technical specifications may be made without prior notice and we reserve the right to make these changes.

10. DECLARATION OF CONFORMITY

ES DECLARATION OF CONFORMITY

We Fast ČR, a.s., Černokostelecká 251 01 Říčany u Prahy, tel.:323204111, hereby declare,
that the Fieldmann FZR 5110 B Petrol Lawnmower (year of manufacture is indicated on the rating label and is followed by the serial number of the machine, meets the directives COUNCIL DIRECTIVE:

2006/42/EC – 2004/108/EC – 2000/14/EC – 97/68/EC – 2002/88/EC

and was tested in compliance with the norms below:

EN 55012
EN 836 – EN 836/A4
EN ISO 5395 –1:2013
EN ISO 5395 – 2:2013
EN ISO 14982:2009
EN ISO 3744:2010
ISO 11094:1991

FAST ČR, a.s. is authorised to act on behalf of the manufacturer.

CE label: 14

In Říčany, on 18. 9. 2014

FAST ČR, a.s.
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251 01 Říčany u Prahy
IČO: 26726548
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Petr Uher
Quality Manager

11. DISPOSAL

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of used packaging material at a site designated for waste in your municipality.

The machine and its accessories are manufactured from various materials, e.g. metal and plastic.
Take damaged parts to a recycling centre. Inquire at the relevant government department.

CE This product meets all the basic requirements of EU directives that apply to it.

Changes in the text, design and technical specifications may be made without prior notice and we reserve the right to make these changes.

User s manual in the original language.